

§Appl. No. 09/372,036
Amdt. dated April 30, 2004
Reply to Office Action of, October 30, 2003

Listing of Claims:

Please **amend** the claims as follows:

Claims 1-38 (Cancelled)

Claim 39 (Previously Presented) An isolated peptide from the p60 protein of *Listeria monocytogenes*, selected from formulae (IVa) or (IVd)

X³ProValAlaProThrGlnX⁴ (IVa) (SEQ ID NO:17)

X³GlnGlnThrAlaProLysAlaProThrX⁴ (IVd) (SEQ ID NO:20)

wherein

X³ and X⁴ are each, independently, hydrogen or 1-7 additional amino acids.

Claim 40 (Previously Presented) A peptide of claim 39, selected from SEQ ID NOs: 26, 29, 30 or 31.

Claim 41 (Previously Presented) An immunogenic conjugate which comprises a peptide of claim 39.

Claim 42 (Currently Amended) An isolated antibody which specifically binds to an epitope selected from the group consisting of one of the following peptides: SEQ ID NO: 17, 20,

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26, 29, 30 and 31 of the p60 protein from *Listeria monocytogenes* and wherein said antibody does not ~~cross~~-react with an epitope from other non-pathogenic *Listeria* species.

Claim 43 (Currently Amended) An isolated antibody which can be prepared by immunizing an experimental animal with a peptide selected from the group consisting of one of the following peptides: SEQ ID NO: 17, 20, 26, 29, 30 and 31, or with an immunogenic conjugate which comprises a peptide selected from the group consisting of one of the following peptides: SEQ ID NO: 17, 20, 26, 29, 30 and 31, wherein said antibody specifically binds to the p60 protein from *Listeria monocytogenes* and does not react with an epitope from other non-pathogenic *Listeria* species.

Claim 44 (Previously Presented) A process for preparing an antibody which specifically binds to the p60 protein from pathogenic *Listeria*, comprising
immunizing an experimental animal with an immunogen, wherein said immunogen is the peptide SEQ ID NO: 17 or 20, or an immunogenic conjugate which comprises the peptide SEQ ID NO: 17 or 20, and
isolating the thus-produced antibody.

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Claim 45 (Previously Presented) A process of claim 44, wherein the immunogenic conjugate comprises the peptide, SEQ ID NO: 26, 29, 30 or 31.

Claim 46 (Previously Presented) A method of detecting pathogenic listeria, comprising incubating a sample which may contain pathogenic listeria with an antibody of claim 42.

Claim 47 (Previously Presented) A method of detecting pathogenic listeria, comprising incubating a sample which may contain pathogenic listeria with an antibody of claim 43.

Claim 48 (Previously Presented) A kit for detecting pathogenic listeria by immunoassay, comprising an antibody of claim 42.

Claim 49 (Previously Presented) A kit for detecting pathogenic listeria by immunoassay, comprising an antibody of claim 43.

Claim 50 (Previously Presented) An isolated antibody of claim 42, which binds to an epitope of a peptide SEQ ID NO: 26.

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Claim 51 (Previously Presented) An isolated antibody of claim 42, which binds to an epitope of a peptide SEQ ID NO: 29.

Claim 52 (Previously Presented) An isolated antibody of claim 42, which binds to an epitope of a peptide SEQ ID NO: 30.

Claim 53 (Previously Presented) An isolated antibody of claim 42, which binds to an epitope of a peptide SEQ ID NO: 31.

Claim 54 (Previously Presented) An isolated antibody of claim 43, wherein the peptide is SEQ ID NO: 17.

Claim 55 (Previously Presented) An isolated antibody of claim 43, wherein the peptide is SEQ ID NO: 26.

Claim 56 (Previously Presented) An isolated antibody of claim 43, wherein the peptide is SEQ ID NO: 29.

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Claim 57 (Previously Presented) An isolated antibody of claim 43, wherein the peptide is SEQ ID NO: 30.

Claim 58 (Previously Presented) An isolated antibody of claim 43, wherein the peptide is SEQ ID NO: 31.

Claim 59 (Previously Presented) The antibody of claim 42 which is a polyclonal antibody.

Claim 60 (Previously Presented) The antibody of claim 42 which is a monoclonal antibody.

Claim 61 (Previously Presented) The antibody of claim 43 which is a polyclonal antibody.

Claim 62 (Previously Presented) The antibody of claim 43 which is a monoclonal antibody.

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Claim 63 (Previously Presented) An isolated antibody of claim 42, which consists essentially of an antibody which specifically binds an epitope from the peptide SEQ ID NO: 17, 20, 26, 29, 30 or 31.

Claim 64 (Previously Presented) An isolated antibody of claim 63, which is a polyclonal antibody.

Claim 65 (Previously Presented) An isolated antibody of claim 63, which is a monoclonal antibody.

Claim 66 (Cancelled)

Claim 67 (Previously Presented) An isolated antibody of claim 42, which is a polyclonal antibody.

Claim 68 (Previously Presented) An isolated antibody of claim 42, which is a monoclonal antibody.

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Claim 69 (Previously Presented) A composition comprising at least two monoclonal antibodies each of which binds an epitope from a different said peptide according to claim 42.

Claim 70 (Previously Presented) The composition according to claim 69, wherein said monoclonal antibodies are prepared by immunizing with different said peptides, or different immunogenic conjugates containing said peptides.

Claim 71 (Previously Presented) An isolated antibody of claim 43 which consists essentially of an antibody which specifically binds to an epitope from the peptides of SEQ ID NO: 17, 20, 26, 29, 30 or 31.

Claim 72 (Previously Presented) An isolated antibody of claim 43, wherein said animal is a sheep, goat, rabbit or mouse.